**Unit 8 (Evolution and Classification): Topics, Objectives, and Specific Learning Targets**

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| **Topic** | **Specific Learning Target** | **DBA Score (%)** | **Test Score** (%) |
| 1. History of Life and Basic Evolution | A. I can identify the methods used in each of the origin of life experiments and explain the results of each experiment. |  |  |
| B. I can give a simple outline of the history of living organisms. |
| C. I can compare and contrast Lamarck and Darwin’s theories of evolution. |
| D. I can compare and contrast the different types of evidence for evolution. |
| 2. Patterns of Evolution | E. I can describe how new species are formed through evolution. |  |  |
| F. I can compare and contrast the different patterns of natural selection (i.e. stabilizing, disruptive, directional, sexual) and evolution (divergent, convergent, and coevolution). |
| G. I can compare and contrast the two different models for the rate of evolution – gradualism and punctuated equilibrium. |
| 3. Classification | H. I can describe the development of the six kingdom and three domain systems of classification of organisms. |  |  |
| I. I can compare / contrast the characteristics of organisms found in each of the six kingdoms and three domains. |